

Search for WD Candidates

- BCS Data
- SDSS Stripe 82
- SDSS DR4 WD Catalog

WD selection of BCS data

- ~165,000 available objects
- Color cut of $-1 < g-r < -0.2$
- Crossed w/ USNO-B to get PM
- 114 WDs

WD selection of Stripe 82

- Stripe 82 Standard Star Catalog was downloaded from Zeljko's site
- $-1 < g-r < -0.2$ & $-1 < u-g < 0.7$
- $30^\circ < RA < 150^\circ$ & $r < 18$ (to select the # of objects observable in June at Kitt Peak)
- 84 WDs
- $14.3 > r < 18$

WD selection of SDSS data

- The DR4 WD catalog was searched
- $-1 < g-r < -0.2$ & $-1 < u-g < 0.7$
- $30^\circ < RA < 150^\circ$ (to select the # of objects observable in June at Kitt Peak)
- Total of 357 WDs
- 302 DA

Future Plans

- Follow up of 500 initial WD Candidates for calibration purposes
- Search for additional WDs in other sources
- Create WD catalog

Extra Slides

